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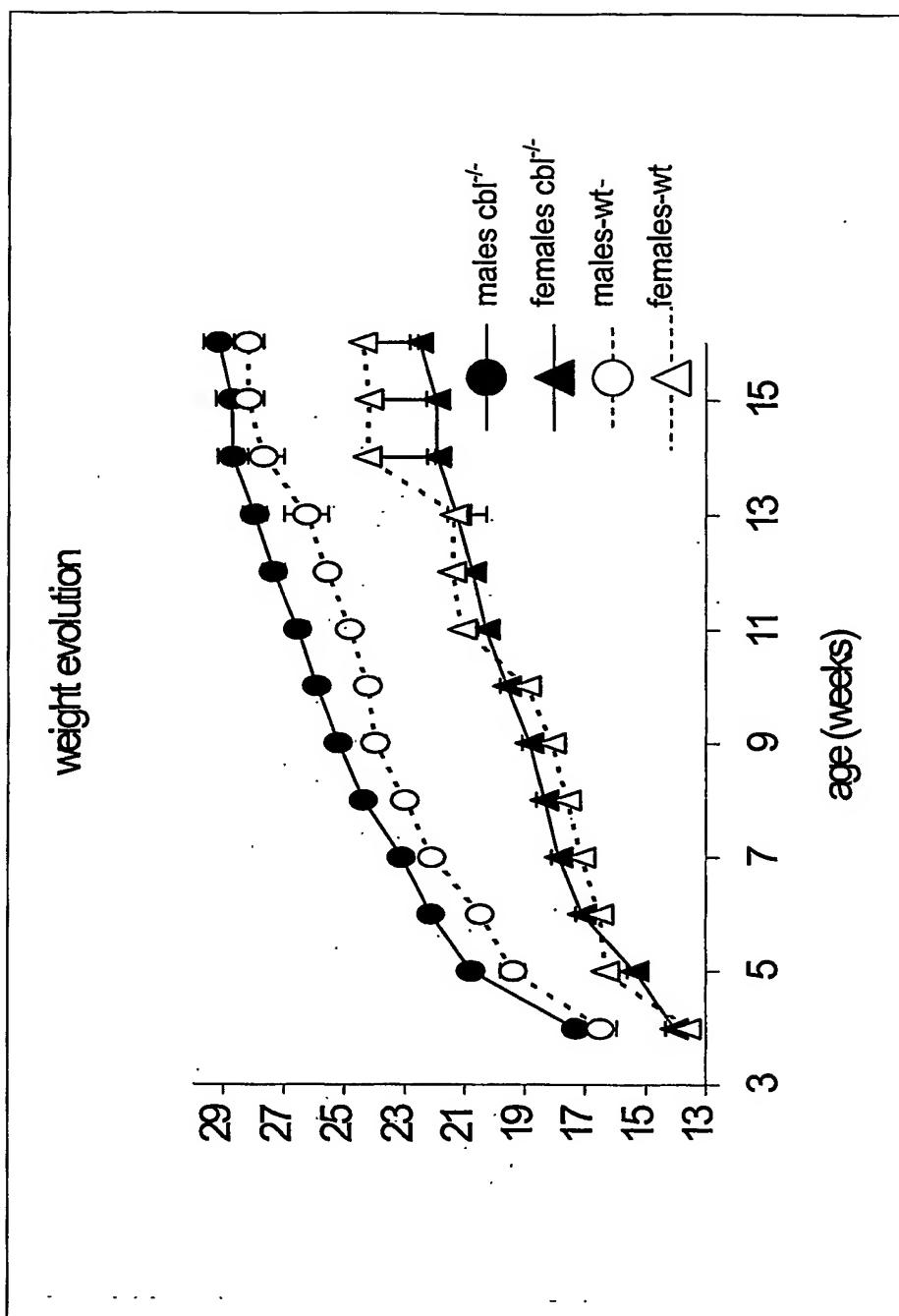


FIGURE 1

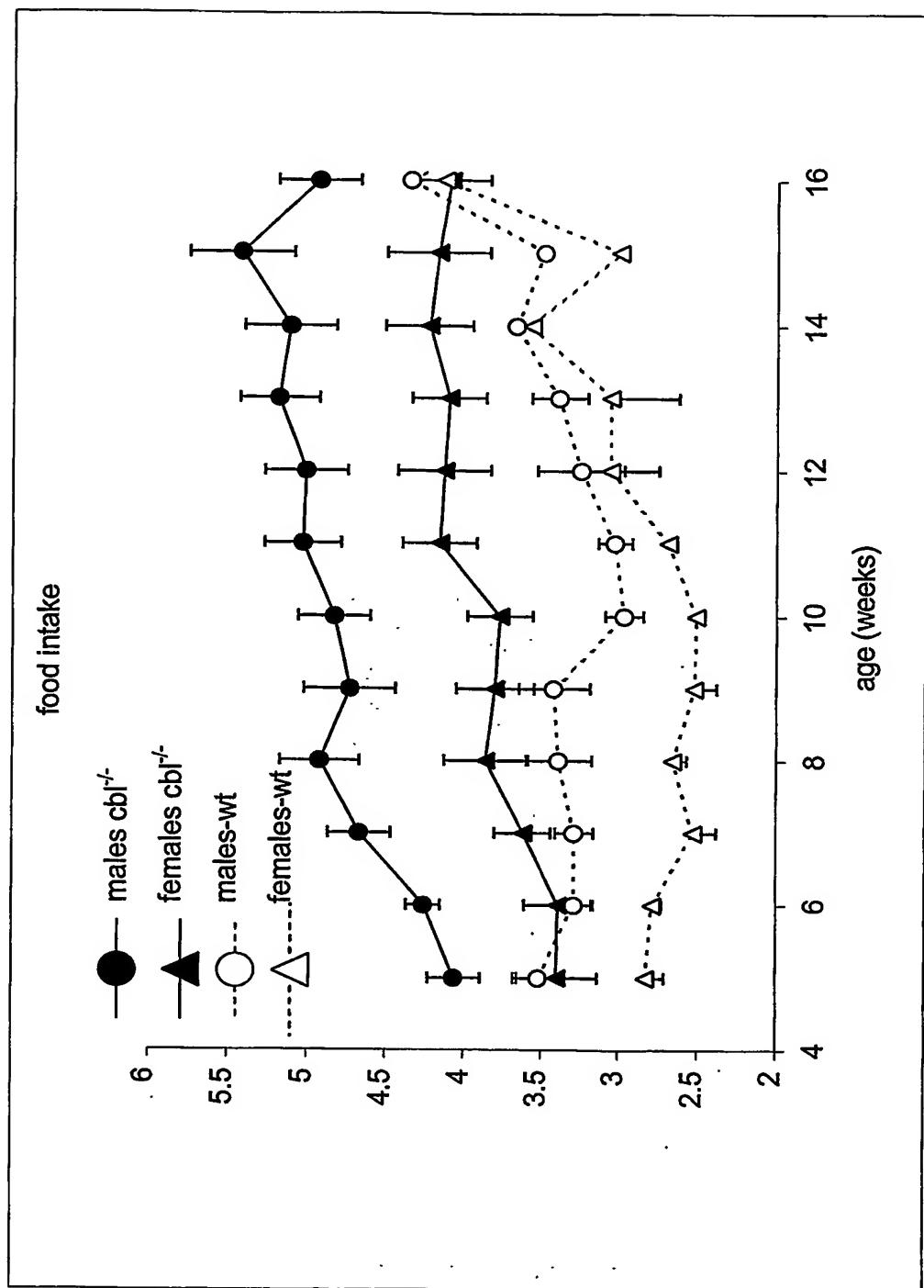


FIGURE 2

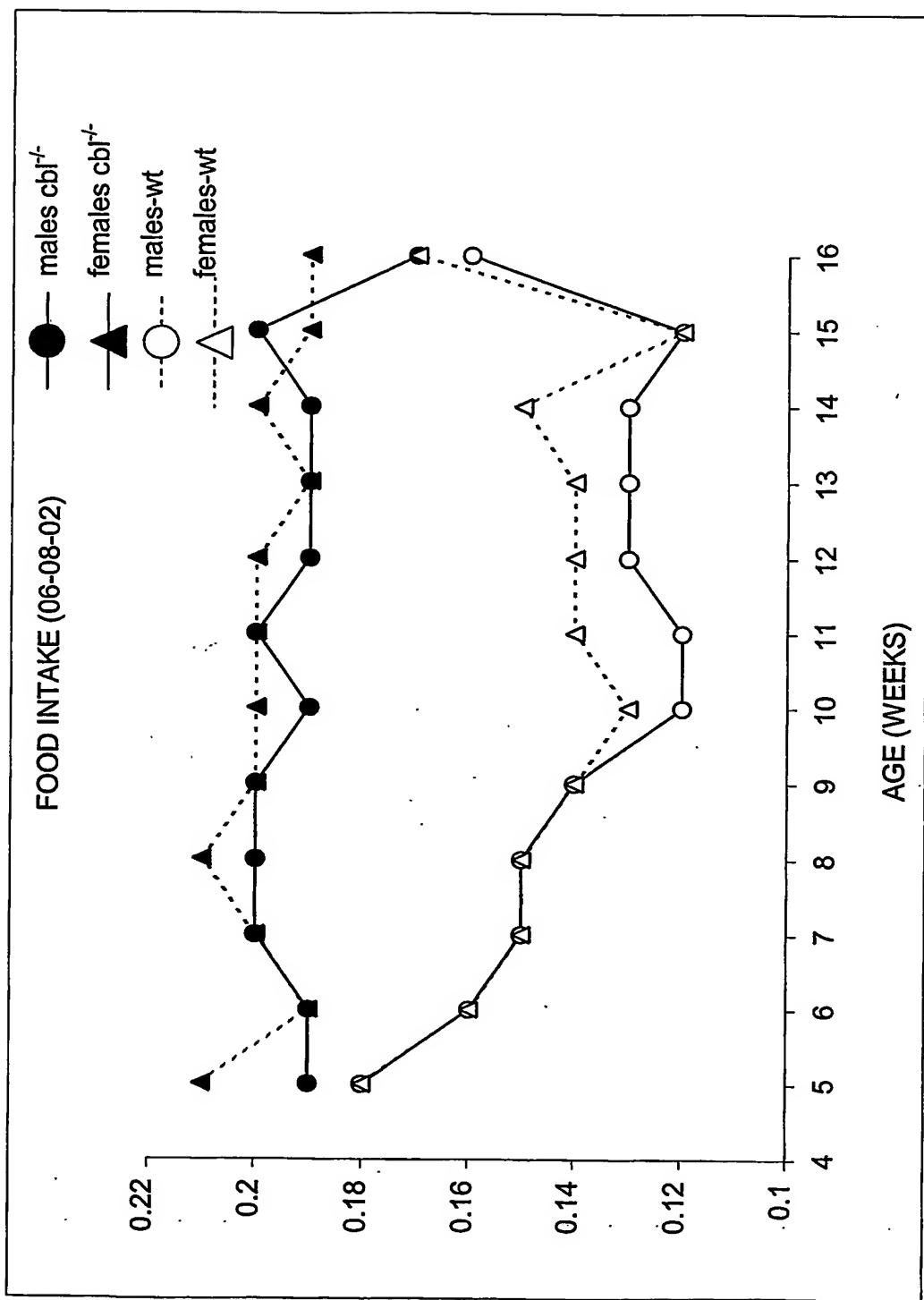


FIGURE 3

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TISSUE WEIGHT

Wild Type

	AVG	0.543	0.141	0.204		100	1.79	0.46	0.67
SEM	0.54	0.129	0.002	0.011			0.46	0.01	0.02
	BW	WAT	BAT	QUAD		BW	WAT	BAT	QUAD

Cbl-deficient

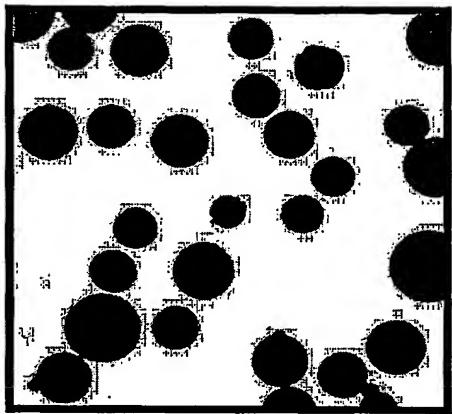
	AVG	0.226	0.073	0.206		100.00	0.75	0.24	0.69
SEM	0.95	0.021	0.005	0.013			0.07	0.01	0.04
	BW	WAT	BAT	QUAD		BW	WAT	BAT	QUAD

FIGURE 4

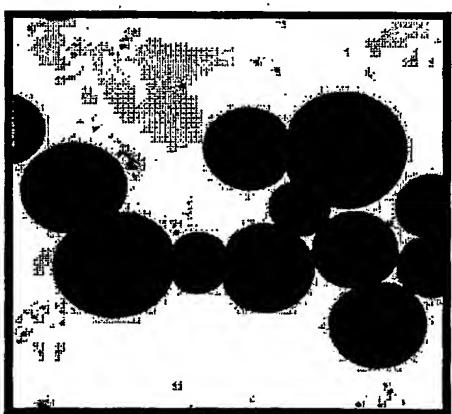
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FIGURE 5

Cbl-deficient



Wild Type



ADIPOCYTE SIZE MALES

	diameter (μm)		VOLUME (pL/cell)		Lipid content (ng/cell)	
	AVG	SEM	AVG	SEM	AVG	SEM
WT	84.91	1.57	240.28	4.45	219.86	4.07
KO	49.44	0.90	82.43	1.25	75.42	1.14
KO 500	56.82	1.23	72	1.56	65.88	1.43

ADIPOCYTE SIZE FEMALES

	diameter (μm)		VOLUME (pL/cell)		Lipid content (ng/cell)	
	AVG	SEM	AVG	SEM	AVG	SEM
WT	80.48	2.32	204.6	5.9	187.3	5.4
KO	55.21	1.77	66.05	2.12	60.92	1.96

FIGURE 6

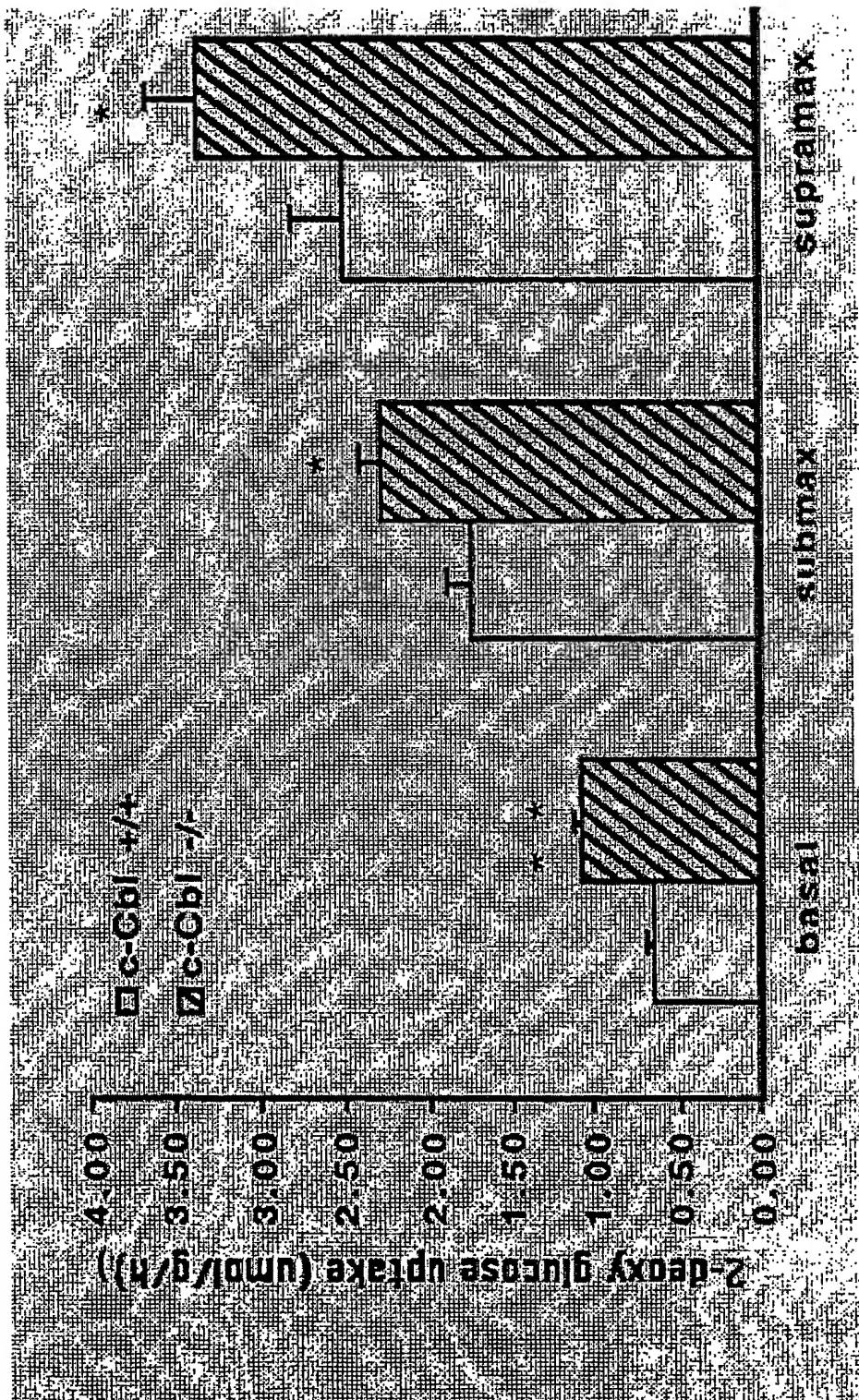


FIGURE 7A

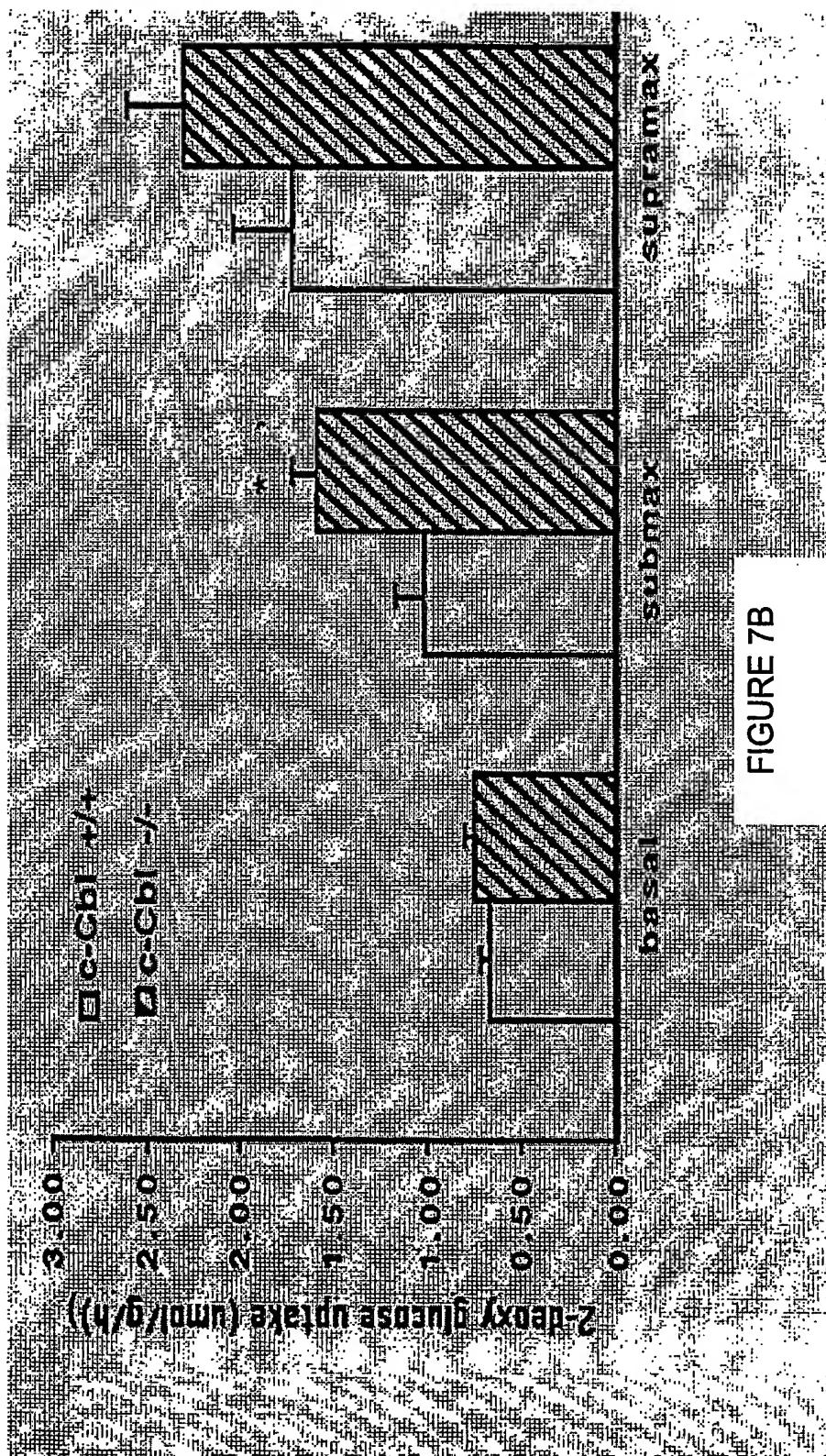


FIGURE 7B

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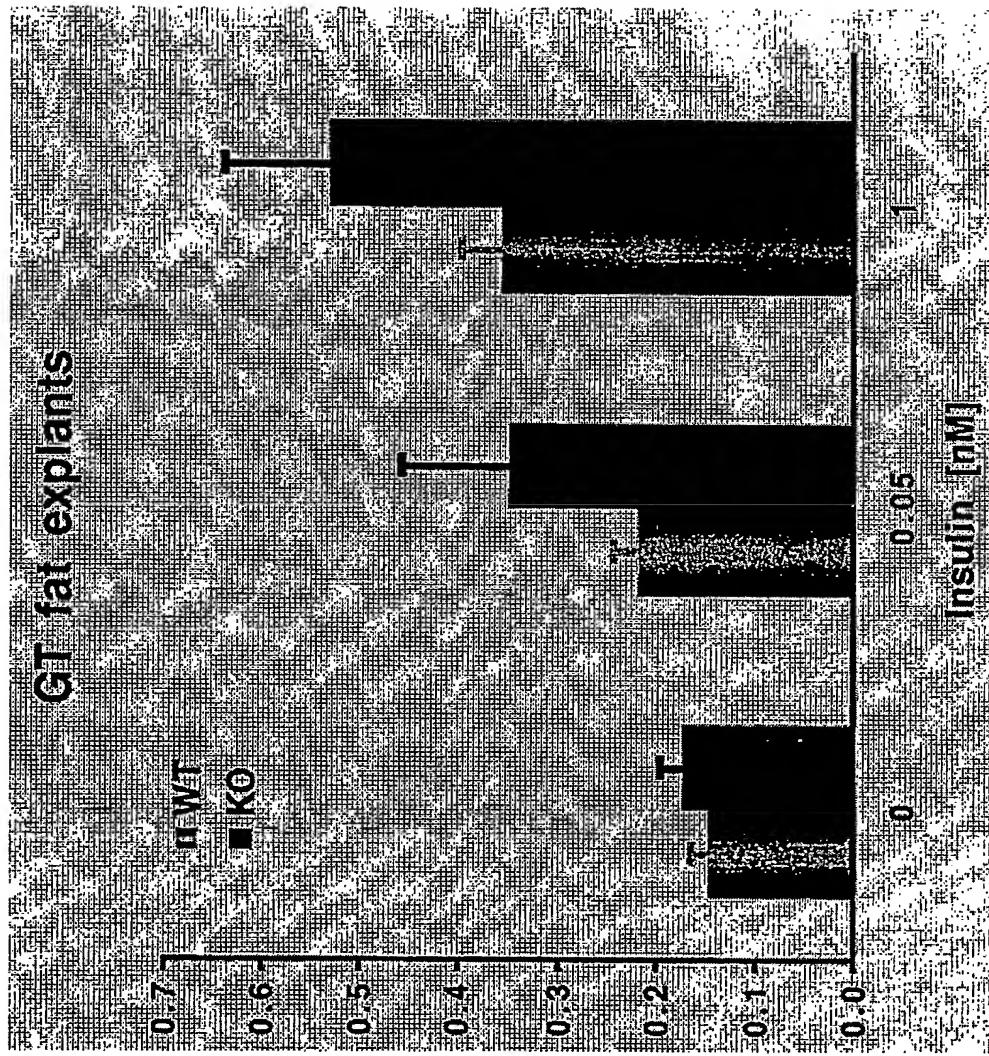


FIGURE 8